

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13K		Page 1 of 6
Title: Commodity Specific Requirements for Nectarines		
Revision: Original	Replaces: N/A	Effective: 07/01/00

1. Purpose:

To provide a listing of PDP identified required compounds for nectarines.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing nectarines for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Nectarine Multi Residue Screens
- 5.2 Required Selected/Single Residue Screens for Nectarines
- 5.3 Marker Pesticides for Nectarine Multi and Selected/Single Residue Screens

4. References:

- SOP PDP-QC-13, "Required Compounds, Commodity Groups, and Marker Pesticides", revision 5, January 1, 2000
- Pesticide Chemical News Guide, December 1, 1999
- Federal/State Meeting, October 26-28, 1999
- Pesticide Chemical News Guide, October 1, 1999

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Compounds Required for Nectarine Multi Residue Screens

Nectarine Compound	Reported As	Pest Code
Azinphos methyl		042
Captan		011
Carbaryl		102
Chlorothalonil		164
Chlorpyrifos		160
DDE p,p'		910
Diazinon		024
Diazinon O-analog		AAW
Dicloran		144
Dicofol/Dichlorobenzophenone	Dicofol p,p'	254
	And/Or Dicofol o,p'	253
	Or Dicofol (total combined)	047
Dieldrin ¹		028
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Fenbuconazole		A30
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or total combined	546
Heptachlor epoxide		143
Imidacloprid ²		967

¹ Required only on samples received by CA1 from CA and MD. Analysis by FL1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

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Nectarine Compound	Reported As	Pest Code
Iprodione		626
Lindane		050
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methidathion		197
Methomyl		159
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Metolachlor		283
Myclobutanil		679
Norflurazon		596
Norflurazon desmethyl		AAS
o-Phenylphenol		083
Oxyfluorfen		713
Parathion		065
Parathion methyl ³		057
Parathion methyl O-analog		779
Parathion O-analog		370
Phosmet		165
Pronamide		540
Propargite		623
Propiconazole		264
Tebuconazole		A58

2 Required only on samples received by FL1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on CA and MD samples is not required.

3 Tolerance revoked, but need to monitor.

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Nectarine Compound	Reported As	Pest Code
Tetradifon		108
Triadimefon		608
Trifluralin		151
Vinclozolin		529

5.2 Required Selected/Single Residue Screens for Nectarines

Compound	Reported As	Pest Code	Lab
Benomyl		192	US1
Formetanate		723	WA1
Spinosad	Spinosad A	ABC	FL1 ⁴
	And/or Spinosad D	ABD	
	Or Spinosad (total combined)	ABB	

5.3 Marker Pesticides for Nectarine Multi and Selected/Single Residue Screens

a. Multiresidue Fruits and Vegetables

Azinphos methyl	Carbaryl	DDE p,p'
Diazinon	Dicloran	Endosulfan I
Iprodione	Methomyl	Propargite

b. Selected/single analyte residue studies utilize the selected analyte as the marker pesticide.

Fran Gross

6/30/00

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Original

June 2000

Pesticide Data Branch

- Removed dimethoate, omethoate, and phosalone
 - Added imidacloprid
 - Added caveat regarding spinosad analysis by FL1
 - Removed dieldrin from FL1 requirements
 - Removed imidacloprid from CA1 requirements
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